

## Listing of Claims

### 1. - 40. (canceled)

1           **41. (previously added)** A method for using a screen assembly on a vibratory  
2 separator, the vibratory separator having a deck with an upstanding member, the  
3 screen assembly having a plurality of layers of screening material, the plurality of  
4 layers of screening material connected together and secured to a frame, the frame  
5 comprising two ends, each end connected to and spaced-apart by one of two spaced-  
6 apart sides, the two spaced-apart sides including a first side and a second side and the  
7 frame including a plurality of spaced-apart crossmembers, each crossmember  
8 extending from the first side to the second side, wherein at least one of the plurality  
9 of spaced-apart crossmembers has at least one notch for receiving a portion of the  
10 upstanding member of the deck of the vibratory separator, the method comprising  
11           installing the screen assembly on the deck of the vibratory  
12 separator with a portion of the upstanding member projecting into the at least  
13 one notch to facilitate correct and stable emplacement of the screen assembly  
14 on the deck and,  
15           vibrating the screen assembly with the vibratory separator, and  
16           feeding material to be treated onto the screen assembly.

1           **42. (previously added)** A method for using a screen assembly on a vibratory  
2 separator, the vibratory separator having a deck with an upstanding member, the  
3 screen assembly having a plurality of layers of screening material, the plurality of  
4 layers of screening material connected together and secured to a frame, the frame  
5 comprising two ends, each end connected to and spaced-apart by one of two spaced-  
6 apart sides, the two spaced-apart sides including a first side and a second side and the  
7 frame including a plurality of spaced-apart crossmembers, each crossmember  
8 extending from the first side to the second side, wherein the frame has at least one  
9 notch for receiving a portion of the upstanding member of the deck of the vibratory  
10 separator, the method comprising  
11           installing the screen assembly on the deck of the vibratory

separator with a portion of the upstanding member projecting into the at least one notch to facilitate correct and stable emplacement of the screen assembly on the deck and,

vibrating the screen assembly with the vibratory separator, and feeding material to be treated onto the screen assembly.

43. (new) A method for using a screen assembly on a vibratory separator, the screen assembly having non-flat areas of screening material thereon, the non-flat areas of screening material comprising rippled areas of screening material between lines of glue gluing together a plurality of layers of screening material, the plurality of glued-together layers of screening material secured to a frame, the frame comprising two ends, each end connected to and spaced-apart by one of two spaced-apart sides, the two spaced-apart sides including a first side and a second side and the frame including a plurality of spaced-apart crossmembers, each crossmember extending from the first side to the second side, the method comprising

mounting the screen assembly on a vibratory separator, the vibratory separator located in an environment at an ambient temperature, vibrating the screen assembly with the vibratory separator for a period of time,

feeding material to be treated onto the screen assembly, the material to be treated at a material temperature above the ambient temperature, the period of time of such a temporal length and the material temperature of such a temperature to effect flattening of the non-flat areas of screening material.

44. (new) The method of claim 43 wherein the material temperature is at least five degrees above the ambient temperature.

45. (new) The method of claim 43 wherein the material temperature is at least 100°F.

46. (new) The method of claim 43 wherein the material is drilling fluid from a drilled wellbore, the drilling fluid having solid drilled cuttings therein.

47. (new) The method of claim 43 wherein the glue is cured moisture-curing hot melt glue.

1 48. (new) The method of claim 43 wherein the glue is applied in a pattern.

1 49. (new) The method of claim 43 wherein the ends and sides are tubular  
2 members.

1 50. (new) The method of claim 43 wherein the glued-together layers of  
2 screening material are secured to the frame with epoxy.

1 51. (new) The method of claim 43 wherein the glued-together layers of  
2 screening material are secured to the frame with glue.

1 52. (new) The method of claim 43 wherein the glued-together layers of  
2 screening material are secured to the spaced-apart crossmembers with epoxy.

1 53. (new) The method of claim 43 wherein the glued-together layers of  
2 screening material are secured to the spaced-apart crossmembers with glue.

1 54. (new) The method of claim 43 wherein at least one of the plurality of  
2 spaced-apart crossmembers has at least one notch for receiving a portion of an  
3 upstanding member of a deck of the vibratory separator, the method further  
4 comprising

5 installing the screen assembly on the deck of the vibratory  
6 separator with a portion of the upstanding member projecting into the at least  
7 one notch.

1 55. (new) The method of claim 43 wherein the plurality of layers of screening  
2 material comprises at least a lower layer of coarse mesh and at least one layer of fine  
3 mesh.

1 56. (new) The method of claim 55 wherein the non-flat areas of screening  
2 material comprise portions of the at least one layer of fine mesh.

1 57. (new) A method for using a screen assembly on a vibratory separator, the  
2 screen assembly having non-flat areas of screening material, the non-flat areas of  
3 screening material between lines of glue gluing together a plurality of layers of  
4 screening material, the plurality of glued-together layers of screening material secured  
5 to a frame, the glue comprising moisture-curing hot melt glue, the method comprising  
6 mounting the screen assembly on a vibratory separator, the  
7 vibratory separator located in an environment at an ambient temperature,  
8 vibrating the screen assembly with the vibratory separator for a

9 period of time,

10 feeding material to be treated onto the screen assembly, the  
11 material to be treated at a material temperature above the ambient temperature,  
12 the period of time of such a temporal length and the material  
13 temperature of such a temperature to effect flattening of the non-flat areas of  
14 screening material.

1 58. (new) The method of claim 57 wherein the lines of glue are in a glue  
2 pattern on at least one layer of the screening material in an amount sufficient so that  
3 said screen assembly while in use on the vibratory separator is able to withstand  
4 vibratory forces imparted thereto by the vibration apparatus of the vibratory separator.

1 59. (new) The method of claim 57 wherein the material is drilling fluid from a  
2 drilled wellbore, the drilling fluid having solid drilled cuttings therein.

1 60. (new) The method of claim 57 wherein the frame is comprised of two  
2 ends, each end connected to and spaced-apart by one of two spaced-apart sides,  
3 wherein the ends and sides are tubular members, and wherein the two spaced-apart  
4 sides include a first side and a second side and the frame includes a plurality of  
5 spaced-apart crossmembers, each crossmember extending from the first side to the  
6 second side.

1 60. (new) The method of claim 57 wherein at least one of the plurality of  
2 spaced-apart crossmembers has at least one notch for receiving a portion of an  
3 upstanding member of a deck of the vibratory separator, the method further  
4 comprising

5 installing the screen assembly on the deck of the vibratory  
6 separator with a portion of the upstanding member projecting into the at least  
7 one notch.